

## **APPENDIX G**

### **HAZARDOUS, TOXIC, AND RADIOACTIVE WASTE SECTION**

The objective of performing an environmental site assessment (ESA) for the Onion Creek Feasibility Study was to investigate the project site and its general vicinity for the presence or suspected presence of Hazardous, Toxic, and Radioactive Waste (HTRW) materials during existing conditions. The environmental assessment investigation helps to facilitate early identification and appropriate consideration of HTRW problems in reconnaissance, feasibility, pre-construction engineering and design, land acquisition, construction, and operations, maintenance, repair, replacement, and rehabilitation phases of the project.

In November 2000, an environmental site reconnaissance was conducted by the U.S. Army Corps of Engineers, Fort Worth District. This reconnaissance consisted of site walkovers of the footprint area, interviews with property/facility owners, and photographs documenting the project site. Field observations found household debris, small dumping grounds containing household garbage, and a 55-gallon rusted drum lodged into a creek bank. No evidence of HTRW issues were believed to exist as a result of the site reconnaissance.

In May 2001, the U.S. Army Corps of Engineers, Fort Worth District contracted Environmental Data Resources (EDR) of Southport, Connecticut to conduct the environmental regulatory database search on the City of Austin and its general vicinity according to the requirements of the American Society for Testing and Materials (ASTM) Standard Test Methods "Standard Practice for Environmental Site Assessments", E-1527-00. The State records review consisted of reviewing the Texas Commission on Environmental Quality (TCEQ) databases for underground storage tank facilities, leaking underground storage tank facilities, and landfill closures which may be present within a one-half mile radius from the project site. The Federal Records Review consisted of reviewing the U.S. Environmental Protection Agency (EPA), Comprehensive Environmental Response Compensation and Liability Act (CERCLA) Information System, Resource Conservation and Recovery Act (RCRA) and Emergency Notification System listings, also reviewed and summarized up to a one-half mile radius from the referenced site locations. Records of relevant geological and hydrological information available from the U. S. Department of Agriculture (USDA), Soil Conservation Service, and U. S. Geological Service (USGS) were also reviewed.

Based on the ESA report findings, field observations, and the recommended study conditions; there are HTRW issues to consider during future investigations, design, construction, and operation portions of the project. Most importantly, since the project is located in an urbanized drainage way, any soil disposed of as a result of the project will need to be appropriately tested. One individual property was identified as having a "low" probability of causing an HTRW issue for the project. The property with suspected HTRW issues for the City of Austin is listed below.

1. D&C Small Engine Repair – 4604 Hedgerow Place. This area was identified in the ESA Inc. report as an auto repair shop. This property is located within the 100-year flood plain and may be affected by the project footprint.